

Application No. 10/541,592

ABSTRACT OF THE DISCLOSURE

Example electro-stimulation apparatuses and methods involve generating pulses having preset values of typical parameters. A number of sub-phases forming a sequence of the pulses are applied to an organism, the sequence including an initial pulse and a final pulse. A substantial variation of at least one typical parameter is performed at a moment between the initial pulse and the final pulse. The frequency of the pulses is varied by causing between two consecutive sub-phases a frequency discontinuity greater than 60 Hz preceded by sub-phases having non-constant frequencies.